

AMENDMENTS

IN THE TITLE

Please amend the title as follows:

PROCESS FOR FABRICATING A PHOTONICS PACKAGE AND FOR ALIGNING
AN OPTICAL FIBER WITH A PHOTODETECTOR SURFACE DURING FABRICATION OF
SUCH A PACKAGE

IN THE DETAILED DESCRIPTION

Please amend the specification as follows:

Q1 [0014] Turning now to a more detailed description of the present invention, Figs. 1 and 2, in perspective views, and Figs. 3 and 4, in cross-section views, illustrate a photonics package 10 constructed in accordance with the present invention. The package consists of a housing 12 having a rear wall 14, a front wall 16, a top wall 18, sidewalls 20 and 22, and a bottom wall 24. Secured to the front wall 16 is a first closure, or lid 26 which covers an aperture 28 (see Fig. 3) in the front wall, with the lid incorporating a second aperture 30 which serves as a fiber alignment window for receiving and securing an optical fiber assembly generally indicated at 32.

Q2 [0019] The ferrule and the enclosed optical fiber are next positioned in an elongated, generally cylindrical flange 80, with an inner diameter 86 of the flange being slightly larger than the outer diameter of the ferrule 64 to permit easy insertion of the ferrule and to allow it to be properly positioned longitudinally within the flange, the optical fiber assembly 32. The flange is then positioned on the outer surface 82 of lid 26 in general alignment with aperture 30 and center line 62, with the ferrule extending through the flange into the window 30, as illustrated in Fig. 4. Preferably, the diameter of window 30 is greater than the diameter of the ferrule 64 to allow the optical fiber assembly 32 to move laterally in the window, with the relative diameters of the ferrule and the window limiting that motion.